



Dab1 (Phospho-Tyr232) Antibody

#11351

Catalog Number: 11351-1, 11351-2

Amount: 50µg/50µl, 100µg/100µl

Swiss-Prot No. : O75553

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage/Stability: Store at -20°C/1 year

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from Human Dab1 around the phosphorylation site of tyrosine 232 (G-V-Y^P-D-V).

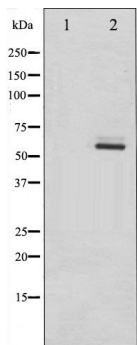
Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

Specificity/Sensitivity: Dab1 (Phospho-Tyr232) antibody detects endogenous levels of Dab1 protein only when phosphorylated at tyrosine 232

Reactivity: Human, Mouse, Rat

Applications:

Predicted MW: 60 kd WB: 1:500~1:1000



Western blot analysis of Dab1 phosphorylation expression in LOVO whole cell lysates, The lane on the left is treated with the antigen-specific peptide.

Background :

The laminar organization of multiple neuronal types in the cerebral cortex is required for normal cognitive function. In mice, the disabled-1 gene plays a central role in brain development, directing the migration of cortical neurons past previously formed neurons to reach their proper layer. This gene is similar to disabled-1, and the protein encoded by this gene is thought to be a signal transducer that interacts with protein kinase pathways to regulate neuronal positioning in the developing brain. Alternatively spliced transcript variants of this gene have been reported, but their full length nature has not been determined